



Introduction

Thank you for taking the time to participate in this survey. At the request of the Joint Fire Science Program (JFSP), the USGS Fort Collins Science Center is conducting a survey about the Fire Science Exchange Network (FSEN) and the needs of its network users. The information you provide will be used to inform the JFSP Governing Board on decision-making regarding future directions of the FSEN and related programming in this context. There are no correct or incorrect responses, only your much-needed opinion. Your responses will be treated confidentially and in no way be traceable to you.

A Federal agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control Number. Public burden for the collection of this information is estimated to average 8 minutes per response. Comments regarding this collection of information should be directed to the Bureau Clearance Officer, U.S. Geological Survey, gs-info_collections@usgs.gov.
OMB NO. 1090-0011 Expiration Date: 10/31/2021

Introduction questions

Please select the Exchange Network in which you are primarily based (i.e., live and/or work). See map below.



- | | |
|--|---|
| <input type="radio"/> Alaska Fire Science Consortium | <input type="radio"/> Northwest Fire Science Consortium |
| <input type="radio"/> Consortium of Appalachian Fire Managers and Scientists | <input type="radio"/> Oak Woodlands and Forests Fire Consortium |
| <input type="radio"/> California Fire Science Consortium | <input type="radio"/> Pacific Fire Exchange |
| <input type="radio"/> Great Basin Fire Science Exchange | <input type="radio"/> Southern Fire Exchange |
| <input type="radio"/> Great Plains Fire Science Exchange | <input type="radio"/> Southern Rockies Fire Science Network |
| <input type="radio"/> Lake States Fire Science Consortium | <input type="radio"/> Southwest Fire Science Consortium |
| <input type="radio"/> North Atlantic Fire Science Exchange | <input type="radio"/> Tallgrass Prairie and Oak Savanna Fire Science Consortium |
| <input type="radio"/> Northern Rockies Fire Science Network | |

Which of the following Exchange Networks do you participate in (e.g., attend webinars, participate in events, receive emails from)? (Select all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Alaska Fire Science Consortium | <input type="checkbox"/> Northwest Fire Science Consortium |
| <input type="checkbox"/> Consortium of Appalachian Fire Managers and Scientists | <input type="checkbox"/> Oak Woodlands and Forests Fire Consortium |
| <input type="checkbox"/> California Fire Science Consortium | <input type="checkbox"/> Pacific Fire Exchange |

- | | |
|--|--|
| <input type="checkbox"/> Great Basin Fire Science Exchange | <input type="checkbox"/> Southern Fire Exchange |
| <input type="checkbox"/> Great Plains Fire Science Exchange | <input type="checkbox"/> Southern Rockies Fire Science Network |
| <input type="checkbox"/> Lake States Fire Science Consortium | <input type="checkbox"/> Southwest Fire Science Consortium |
| <input type="checkbox"/> North Atlantic Fire Science Exchange | <input type="checkbox"/> Tallgrass Prairie and Oak Savanna Fire Science Consortium |
| <input type="checkbox"/> Northern Rockies Fire Science Network | |

What institution/organization are you affiliated with? Please select one from the list that best represents you.

- ☐ Tribal agency/organization
- ☐ Local agency/organization
- ☐ State agency/organization
- ☐ Federal agency/organization
- ☐ Non-profit organization
- ☐ University-based
- ☐ Private landowner
- ☐ Private sector
- ☐ General public
- ☐ Other (please specify)

Please select the primary role in wildland fire application that best describes your work. If you do not work in wildland fire, please consider your relevant experience for this question and the remainder of the survey.

- ☐ Land management
- ☐ Fire management
- ☐ Science/research
- ☐ General public
- ☐ Other (please specify)

Which of the following best describes the scope of your work? Please select one from the list that best represents you.

- ☐ Local

☐ Regional

☐ National

Science topic importance question

This section provides a list of SCIENCE TOPICS relevant to wildland fire management. These items cover broad topics and are not meant to be exhaustive; cross-cutting themes (e.g., risk) might be captured by multiple topics. Please hover your cursor over the title of each topic to see a definition or examples.

Please rate how important each topic is to your work in the context of wildland fire management and science. Please provide a response for all items, using the response table below.

Not Considered	Minimally Important	Moderately Important	Important	Critically Important
Not important at all	Little consideration; only as an ancillary topic	Somewhat considered in my work	Highly considered in my work	Foundational to determining decisions in my work

Science topics

	Not Considered	Minimally Important	Moderately Important	Important	Critically Important
Wildlife	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Invasive plant species	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vegetation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Soil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Watershed processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post-fire recovery and management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fire behavior	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fire regimes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fuels management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prescribed fire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Smoke, air quality, and health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not Considered	Minimally Important	Moderately Important	Important	Critically Important
Wildland urban interface and infrastructure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Firefighter safety and incident management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social science and human dimensions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Indigenous knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Economic impacts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Select 3 science topics question

Please select up to three (3) science topics that are most relevant to your work. You will be asked three additional questions for each topic you select.

- | | |
|--|--|
| <input type="checkbox"/> wildlife | <input type="checkbox"/> fuels management |
| <input type="checkbox"/> invasive plant species (e.g., cheatgrass) | <input type="checkbox"/> prescribed fire |
| <input type="checkbox"/> vegetation | <input type="checkbox"/> smoke, air quality, and health |
| <input type="checkbox"/> soil | <input type="checkbox"/> wildland urban interface and infrastructure |
| <input type="checkbox"/> watershed processes | <input type="checkbox"/> firefighter safety and incident management |
| <input type="checkbox"/> post-fire recovery and management | <input type="checkbox"/> social science and human dimensions |
| <input type="checkbox"/> fire behavior | <input type="checkbox"/> Indigenous knowledge |
| <input type="checkbox"/> fire regimes | <input type="checkbox"/> economic impacts |

Science topics follow-up questions

You will now be asked follow-up questions on **#{Im://Field/1}**. These questions will be repeated for each of the high-priority topics you selected in the previous question.

How FUNCTIONAL are the scientific resources available for **#{Im://Field/1}** in the context of wildland fire related decision making? Please consider the availability and quality of data, tools, or programs used to guide resource management decisions.

Not at all	Minimal	Moderate	Good	Robust
Not well-	Very limited	Generally functional	Good; gaps	Robust; well

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developed at all; not functional	in scope, scale, or function	with notable insufficiencies or limitations	may exist for minor elements	developed and highly functional
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Not at all

Minimal

Moderate

Good

Robust

#{Im://Field/1}

How RELIANT are you on scientific products and resources about #{Im://Field/1} from the following sources in the context of wildland fire related decision making?

No Reliance	Minimal Reliance	Moderate Reliance	Heavy Reliance	Complete Reliance
I do not use information from this source for my work	I use information from this source, but it would have little effect on my work if the source did not provide it	My work would still be possible but somewhat more difficult without the information provided by this source	My work would still be possible but a lot more difficult without the information provided by this source	My work would not be possible without the information provided by this source

	No Reliance	Minimal Reliance	Moderate Reliance	Heavy Reliance	Complete Reliance
Your regional Exchange Network	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Other regional Exchange Networks	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
External sources that are outside of the Exchange Network	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

From which of the following Exchange Networks do you gather scientific products and resources for #{Im://Field/1} in the context of wildland fire management and science?
(Select all that apply)

- ☐ Alaska Fire Science Consortium

☐ Consortium of Appalachian Fire Managers and Scientists

☐ California Fire Science Consortium

☐ Great Basin Fire Science Exchange

☐ Great Plains Fire Science Exchange
- ☐ Northwest Fire Science Consortium

☐ Oak Woodlands and Forests Fire Consortium

☐ Pacific Fire Exchange

☐ Southern Fire Exchange

☐ Southern Rockies Fire Science Network

- ☐ Lake States Fire Science Consortium
- ☐ North Atlantic Fire Science Exchange
- ☐ Northern Rockies Fire Science Network

- ☐ Southwest Fire Science Consortium
- ☐ Tallgrass Prairie and Oak Savanna Fire Science Consortium

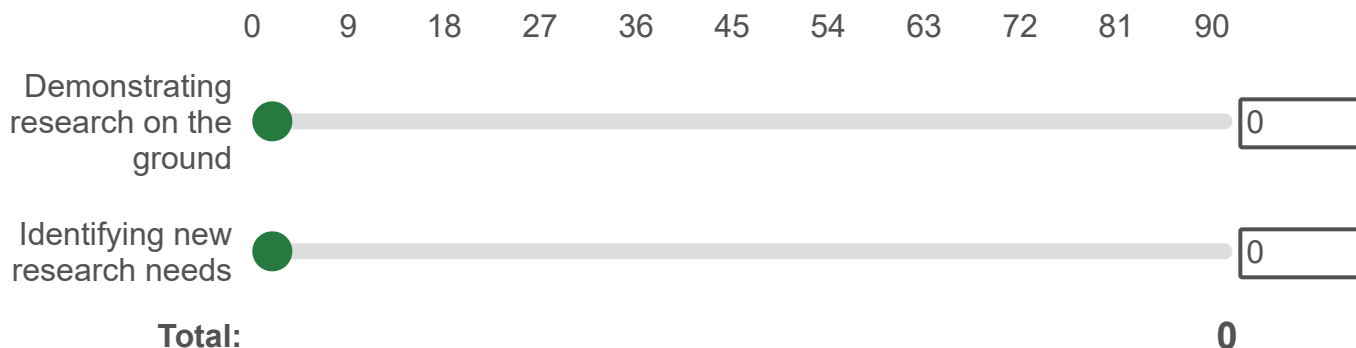
Objectives question

Next we ask your opinion concerning the Exchange Network OBJECTIVES identified by the JFSP to accomplish their overall goals.

How do you think the JFSP should prioritize the following objectives for the Fire Science Exchange Network over the next three years to best meet your needs?

Use your cursor to adjust the sliding scale for each objective or type specific values in the boxes on the right-hand side. There are nine objectives listed and the **total must sum to 90**; Higher point value equals higher priority.

	0	9	18	27	36	45	54	63	72	81	90
Building relationships (e.g., collaboration and networking)	<input type="range"/>										<input type="text" value="0"/>
Listing and describing information	<input type="range"/>										<input type="text" value="0"/>
Sharing information	<input type="range"/>										<input type="text" value="0"/>
Synthesis of information	<input type="range"/>										<input type="text" value="0"/>
Assessing the quality of research	<input type="range"/>										<input type="text" value="0"/>
Assessing the applicability of research	<input type="range"/>										<input type="text" value="0"/>
Supporting adaptive management	<input type="range"/>										<input type="text" value="0"/>



Conclusion questions

Finally, please select one response from the list below to rate your level of experience in the context of wildland fire management and science.

- ☐ I have not had any experience, education, or training associated with wildland fire.
- ☐ I have completed formal education or training on the topic of wildland fire, but have not yet applied it on the job.
- ☐ I have conducted wildland fire work on the job under close supervision by a supervisor, manager or senior employee to ensure compliance with correct procedures.
- ☐ I have conducted wildland fire work as a regular part of a job, independently and usually without review by a supervisor, manager or senior employee.
- ☐ Conducting wildland fire work has been a central or major part of my work. I have performed it myself routinely, and I have trained others in working with wildfire science, and (or) others have consulted me as an expert for assistance in working with wildfire science.
- ☐ Other (please specify)

Thank you for participating in this survey. The JFSP values your feedback, so if you have additional comments on the survey or wildland fire management and science in general, please use the space below.

The "next" button on this page will submit the survey and you will no longer have a chance to edit your answers.



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